

WEST Search History

DATE: Tuesday, October 21, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
DB=USPT,PGPB; PLUR=YES; OP=OR			
L15	UREA NEAR10 (UBIQUINONE (COENZYME ADJ Q10))	3	L15
DB=PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR			
L14	urea near30 (coenzyme adj q10)	13	L14
L13	urea near30 (ubiquinone)	1	L13
L12	urea near30 (uniquinone)	0	L12
DB=JPAB,EPAB,DWPI; PLUR=YES; OP=OR			
L11	UREA NEAR10 (UBIQUINONE (COENZYME ADJ Q10))	6	L11
L10	UREA NEAR10 (HYDROQUINONE (COENZYME ADJ Q10))	60	L10
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR			
L9	UREA NEAR20 (HYDROQUINONE (COENZYME ADJ Q10))	370	L9
L8	UREA NEAR30 (HYDROQUINONE (COENZYME ADJ Q10))	420	L8
DB=USPT; PLUR=YES; OP=OR			
L7	UREA NEAR20 (COENZYME ADJ Q10)	1	L7
L6	L4 and (whey near3 powder)	8	L6
L5	L4 and powder	18	L5
L4	L3 and pasteur\$	24	L4
L3	whey.ab. and (heat\$) and temperature and cosmetic	49	L3
DB=PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR			
L2	whey.ab. and (beat\$ boil\$) and temperature and cosmetic	3	L2
DB=USPT; PLUR=YES; OP=OR			
L1	whey.ab. and (beat\$ boil\$) and temperature and cosmetic	16	L1

END OF SEARCH HISTORY

PA D.T.R. Dermal Therapy Research Inc., Can.
SO PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001017484	A2	20010315	WO 2000-CA1031	20000907
	WO 2001017484	A3	20010927		
	WO 2001017484	C2	20020829		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1214049	A2	20020619	EP 2000-958066	20000907
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
	US 2003104080	A1	20030605	US 2002-87850	20020305
PRAI	US 1999-152637P	P	19990907		
	WO 2000-CA1031	W	20000907		

L19 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2001:82642 CAPLUS
DN 135:132358
TI Randomized, double-blind placebo-controlled trial of coenzyme Q10 in chronic renal failure: Discovery of a new role
AU Singh, Ram B.; Khanna, Hari K.; Niaz, Mohammad A.
CS Centre of Nutrition, Medical Hospital and Research Centre, Moradabad, India
SO Journal of Nutritional & Environmental Medicine (2000), 10(4), 281-288
CODEN: JNEMFF; ISSN: 1359-0847
PB Carfax Publishing
DT Journal
LA English
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 18 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2000:126992 CAPLUS
DN 132:313648
TI Plasma levels of coenzyme Q10, vitamin E and lipids in uremic patients on conservative therapy and hemodialysis treatment: some possible biochemical and clinical implications
AU Lippa, S.; Colacicco, L.; Bondanini, F.; Calla, C.; Gozzo, M. L.; Ciccariello, M.; Angelitti, A. G.
CS Istituto di Chimica e Chimica Clinica, Universita Cattolica del S. Cuore, Rome, Italy
SO Clinica Chimica Acta (2000), 292(1-2), 81-91
CODEN: CCATAR; ISSN: 0009-8981
PB Elsevier Science Ireland Ltd.
DT Journal
LA English
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:359962 CAPLUS
DN 131:181506

L19 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:637513 CAPLUS
 DN 137:190730
 TI Compositions of therapeutic biochemical compounds involved in bioenergy metabolism of cells
 PA Rath, Matthias, Neth.
 SO PCT Int. Appl., 16 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002064129	A2	20020822	WO 2002-EP1545	20020214
	WO 2002064129	A3	20030508		
	W: AE, AU, BR, CA, CN, CU, CZ, EE, HR, HU, ID, IL, IN, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	US 2002173546	A1	20021121	US 2002-77283	20020214
	BR 2002003902	A	20030128	BR 2002-3902	20020214
	NO 2002004536	A	20020920	NO 2002-4536	20020920
PRAI	US 2001-268825P	P	20010214		
	WO 2002-EP1545	W	20020214		

L19 ANSWER 12 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:591669 CAPLUS
 DN 137:154384
 TI Symbiotic regenerative compositions containing microorganisms
 IN Schuer, Joerg-Peter
 PA Germany
 SO Eur. Pat. Appl., 25 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1228769	A1	20020807	EP 2001-102384	20010202
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	WO 2002067986	A2	20020906	WO 2002-EP1056	20020201
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	EP 2001-102384	A	20010202		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:591621 CAPLUS
 DN 137:129572
 TI Skin care product
 PA Koehler Pharma G.m.b.H., Germany
 SO Ger. Gebrauchsmusterschrift, 14 pp.
 CODEN: GGXXFR

DT Patent
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 20204160	U1	20020808	DE 2002-20204160	20020314
PRAI	DE 2002-20204160		20020314		

L19 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:143204 CAPLUS

DN 136:189383

TI A water-free transdermal delivery system

IN Dransfield, Charles William

PA Australia

SO U.S. Pat. Appl. Publ., 17 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002022052	A1	20020221	US 2001-863764	20010524
PRAI	AU 2000-6691	A	20000406		
	AU 2000-8885	A	20000721		

L19 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:396644 CAPLUS

DN 135:24671

TI Solid carriers for improved delivery of active ingredients in pharmaceutical compositions

IN Patel, Manesh V.; Chen, Feng-jing

PA Lipocine, Inc., USA

SO PCT Int. Appl., 107 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 9

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001037808	A1	20010531	WO 2000-US32255	20001122
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6248363	B1	20010619	US 1999-447690	19991123
	EP 1233756	A1	20020828	EP 2000-980761	20001122
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003517470	T2	20030527	JP 2001-539423	20001122
PRAI	US 1999-447690	A	19991123		
	WO 2000-US32255	W	20001122		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2001:185530 CAPLUS

DN 134:227128

TI Topical urea composition for the skin

IN Singh, Parashu Ram; Perlmutter, Alan Lorne

TI The plasma membrane NADH oxidase of HeLa cells has hydroquinone oxidase activity
 AU Kishi, Takeo; Morre, Dorothy M.; Morre, D. James
 CS Department of Medicinal Chemistry and Molecular Pharmacology, Purdue University, West Lafayette, IN, 47907, USA
 SO Biochimica et Biophysica Acta (1999), 1412(1), 66-77
 CODEN: BBACAQ; ISSN: 0006-3002
 PB Elsevier Science B.V.
 DT Journal
 LA English
 RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1998:489534 CAPLUS
 DN 129:293760
 TI Percutaneous absorption of one hundred drugs and the derivation of an experimental regression equation
 AU Xu, Jingfeng; Zhao, WeiJuan; Zhang, Mei; Liu, Mei; Wang, Jinping; Jin, Yinghua; Wang, Yurong
 CS Beijing Military Command Clinical Pharmaceutical Institute, Beijing, 100700, Peop. Rep. China
 SO Zhongguo Yaoxue Zazhi (Beijing) (1998), 33(2), 86-91
 CODEN: ZYZAEU; ISSN: 1001-2494
 PB Zhongguo Yaoxuehui
 DT Journal
 LA Chinese

L19 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1987:421938 CAPLUS
 DN 107:21938
 TI Coenzyme Q production by Aureobasidium
 IN Komiya, Hideyuki
 PA Sanko Seisakusho K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

18, 19, 20.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61293391	A2	19861224	JP 1985-133031	19850620
	JP 63009838	B4	19880302		
PRAI	JP 1985-133031		19850620		

L19 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1981:139993 CAPLUS
 DN 94:139993
 TI Coenzyme Qs.
 PA Mitsui Toatsu Chemicals, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55118437	A2	19800911	JP 1979-25121	19790306
	JP 62005413	B4	19870204		
PRAI	JP 1979-25121		19790306		

L19 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1987:421938 CAPLUS
 DN 107:21938
 TI Coenzyme Q production by Aureobasidium
 IN Komiya, Hideyuki
 PA Sanko Seisakusho K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM C12P007-66
 CC 16-2 (Fermentation and Bioindustrial Chemistry)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61293391	A2	19861224	JP 1985-133031	19850620
	JP 63009838	B4	19880302		
PRAI	JP 1985-133031		19850620		

AB In coenzyme Q prodn. by Aureobasidium, the cultured cells were centrifuged, dried, and extd. with DMSO alone or in combination with other solvents to recover coenzyme Q. Thus, Aureobasidium sp. 14 was cultured in a medium contg. urea 16.9, KH2PO4 60, MgSO4.cntdot.7H2O 6, FeCl3.cntdot.6H2O 0.18g, benzoyl thiamine-HCl 12.4 mg, p-hydroxybenzoic acid 2250 ppm, inorg. salts, and tap water 12 L at 30.degree. and pH 5.5 for 6 days. The cells were collected, dried, extd. with DMSO-iso-proOH (1:1). The ext. was treated with hexane, and the hexane layer was sepd., washed, dehydrated, evapd. under reduced pressure, redissolved in acetone, and chromatographed on silica gel to obtain 9.965 mg coenzyme Q10.

ST Aureobasidium coenzyme Q manuf

IT Aureobasidium

(coenzyme Q manuf. by, extn. with DMSO in relation to)

IT Fermentation

(coenzyme Q, by Aureobasidium, extn. with DMSO in relation to)

IT 64-17-5, Ethanol, biological studies 67-56-1, Methanol, biological studies 67-63-0, Isopropanol, biological studies 67-64-1, Acetone, biological studies

RL: BIOL (Biological study)

(coenzyme Q extn. from Aureobasidium fermn. with DMSO and)

IT 67-68-5, DMSO, biological studies

RL: BIOL (Biological study)

(coenzyme Q extn. with, from Aureobasidium)

IT 303-98-0P, Coenzyme Q10

RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP (Preparation)

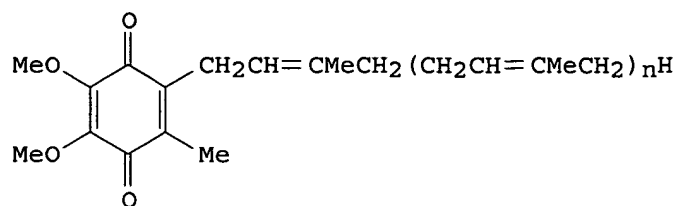
(manuf. of, with Aureobasidium, extn. with DMSO in relation to)

L19 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1981:139993 CAPLUS
 DN 94:139993
 TI Coenzyme Qs.
 PA Mitsui Toatsu Chemicals, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC C07C050-28; C07C046-00
 CC 30-40 (Terpenoids)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55118437	A2	19800911	JP 1979-25121	19790306
	JP 62005413	B4	19870204		
PRAI	JP 1979-25121		19790306		

GI



I

- AB Coenzyme Qs I (n = 1, 8, 9) were prepd. by treating 2,3-dimethoxy-5-methyl-p-benzohydroquinone (II) with $\text{HOCH}_2\text{CH}:\text{CMeCH}_2(\text{CH}_2\text{CH}:\text{CMeCH}_2)_n\text{H}$, $\text{H}_2\text{C}:\text{CHC}(\text{OH})\text{MeCH}_2(\text{CH}_2\text{CH}:\text{CMeCH}_2)_n\text{H}$, or their reactive derivs. in the presence of Lewis acids and RR_1NCOR_2 (R, R_1 = H, alkyl; R_2 = H, alkyl, NH_2 , alkylamino) followed by oxidn. Thus, stirring 1.27 mL $\text{BF}_3\text{-Et}_2\text{O}$ with decaprenyl alc. 3.49, II 3.68, and urea 0.6 g in C_6H_6 -hexane 2 h gave, after oxidn. with aq. FeCl_3 , 2.4 g I (n = 9).
- ST coenzyme Q
- IT 303-97-9P **303-98-0P** 606-06-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
- IT 51743-70-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with dimethoxymethylbenzohydroquinone, coenzyme Q derivs. from)
- IT 3066-90-8
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with polyprenyl alcs., coenzyme Q derivs. from)